

# PATENT ABSTRACTS OF JAPAN

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## (54) METHOD FOR OPERATION OF MEMBRANE FILTER

### (57)Abstract:

PROBLEM TO BE SOLVED: To provide a immersed plane membrane filter likely to be capable of saving energy and obtaining a great amount of permeated water, and its operating method.

SOLUTION: In the immersed plane membrane separator 10, a pressure gage 34 is provided, and a negative operation differential pressure inside a plane membrane unit 14 is measured by the pressure gage 34. A controller 36 controls a blower 40 and a suction pump 32 based on a change rate of an ascending velocity of the operation differential pressure. Further, the controller 36, after operating for a specific time, speculates an optimum pattern of a diffused amount and an intermittent operation time ratio, and automatically controls them based on this speculation.

